

Practitioner's Docket No. MPI98-021DV3***PATENT*****IN THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application. Kindly cancel claim 24 and amend claim 32 as follows:

STATUS OF THE CLAIMS:

1-19 (cancelled)

20. (allowed) A method of identifying a compound that modulates the expression of a gene encoding GLUTX, the method comprising the steps of:

a) contacting a cell expressing a gene encoding GLUTX with a test compound;
and

b) detecting the level of expression of the gene in the presence of the test compound, wherein a difference in expression in the presence of the test compound compared to expression in the absence of the test compound indicates that the test compound modulates expression of the gene;

wherein the gene encoding GLUTX is a nucleic acid encoding the amino acid sequence of SEQ ID NO:2.

21. (allowed) The method of claim 20, wherein the compound is selected from the group consisting of polypeptides, ribonucleic acids, small molecules, ribozymes, antisense oligonucleotide, and deoxyribonucleic acids.

22-23 (cancelled)

24. (cancelled).

25.-31 (cancelled)

32. (currently amended) The method of claim 20, wherein the gene comprises a sequence ~~encoding an amino acid sequence~~ encoding the amino acid sequence of SEQ ID NO:2 selected from the group consisting of:

- i) the nucleotide sequence of SEQ ID NO:1, and
- ii) a nucleotide sequence which hybridizes to a nucleic acid molecule consisting of the complement of the nucleotide sequence of SEQ ID NO:1 under conditions of hybridization at 42° C in 2XSSC/0.1% SDS and washing at 68° C in 0.1XSSC.